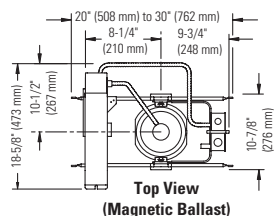


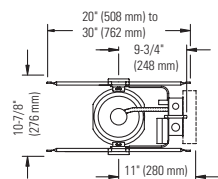
Calculite® HID Lensed Downlight **C7E17FL-PL**

Page 1 of 2

7" Aperture, ED17 (Enclosed), Ceramic Metal Halide, Fresnel or Prismatic Lens

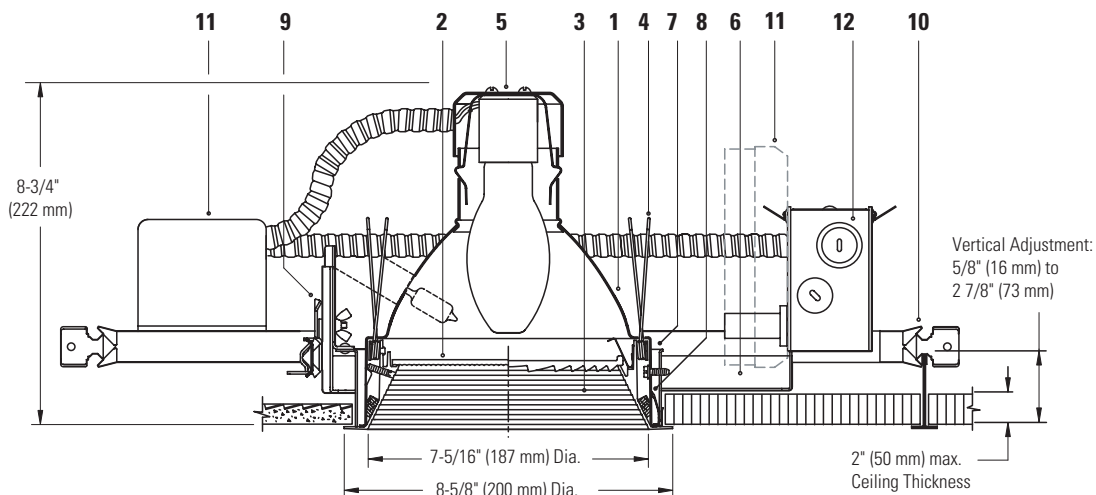


**Top View
(Magnetic Ballast)**



**Top View
(Electronic Ballast)**

Ceiling Cutout: 8" (203mm) dia.



Reflector Trim	Frame-In Kit	Lamp (Coated, Ceramic MH)
C7E17FLWHW Fresnel Lens, White Step Baffle, White Flange	C770MHE1 Electronic, 120V 70W ED17, BD17 (Enclosed)	
C7E17PLWHW Prismatic Lens, White Step Baffle, White Flange	C770MHE2 Electronic, 277V 70W ED17, BD17 (Enclosed)	
	C710MHE1 Electronic, 120V 100W ED17, BD17 (Enclosed)	
	C710MHE2 Electronic, 277V 100W ED17 BD17 (Enclosed)	
	C770MHU Magnetic, 120V/277V 70W ED17, BD1 (Enclosed)	
	C710MHU Magnetic, 120V/277V 100W ED17, BD17 (Enclosed)	

Features

- Reflector:** Semi-Specular anodized aluminum, 16 ga. Removable from inside fixture for access to splices and ballast.
- Lens:** Prismatic (C7E17PLWHW) or Fresnel (C7E17FLWHW) lens. Regressed 1 3/4" from ceiling line.
- Die-Cast Baffle:** Painted white, self flange, deep conical step baffle for low brightness, supports lens. Small Allen-head set screw provides secure attachment for use where vandal resistant luminaires are required.
- Torsionite Springs:** Permit removal of lens assembly without tools.
- Socket Cup:** Galvanized steel, pre-wired with medium base pulse rated socket. Snaps onto upper reflector for secure attachment without tools; unitized construction assures proper lamp alignment to optics for consistent performance.
- Mounting Frame:** 0.048" (18-ga.) galvanized steel includes pre-installed mounting bars.
- Mounting Ring:** 0.048" (18-ga.) galvanized steel. Designed for vertical adjustment from above or below for ceilings from 0" to 2" thick. Center-line notches allow consistent alignment of multiple fixtures.
- Retaining Springs:** Rust resistant simplify reflector housing removal for inspection and maintenance.
- Vertical Adjustment Mechanism:** Accommodates mounting to virtually any ceiling system using mounting bars (provided, or 1/2" EMT tubing (by others). Single locking feature secures all adjustments. Alignment holes and markings allow fixture to be preset prior to installation.
- Mounting Bars:** 0.048" (18-ga.) pre-installed, telescoping bars extend to 30" long and lock securely into position. Built-in locking tabs provide positive attachment to common T-bar systems. Self-centering feature simplifies installation in 24" O.C. grid systems. Attaches to steel or wood joists without accessories.
- Ballast:** Electronic 120V or 277V or dual voltage (120V/277V) magnetic. Assembly is accessible from below without tools for inspection and replacement.
- Junction Box:** 0.048" (18-ga.) galvanized steel. UL listed for 8 No. 12 AWG, 90°C through branch circuit conductors; allows inspection from below.
- Thermal Protector:** (not shown) Meets NEC and UL requirements. Do not install insulation above nor within 3" (76mm) of any part of the luminaire.

Electrical

Electronic Ballast: 120V or 277V, 50/60 Hz., encased, high-power factor, T.H.D. <15%, thermally and transient protected, RMI / RFI complies with FCC Part 18 non-consumer equipment, shut-down circuit at end of lamp life, sound rating "A", -5° F minimum starting temperature, Type 1 outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
70W MH	M98/M143	120/277	0.67/0.28	78
100W MH	M90/M140	120/277	0.90/0.43	110

Magnetic Ballast: 120V/277V dual voltage, 60 Hz., encased and potted, HX-HPF circuit type, high power factor, sound rating "B", -20° F minimum starting temperature, Type 1 Outdoor rating.

Ballast	ANSI Code	Voltage	Max. Amps	Input Watts
70W MH	M98/M143	120/277	1.90/0.80	94
100W MH	M90/M140	120/277	2.40/1.10	125

Options and Accessories

Auxiliary: Add suffix **A** to Frame-In Kit and Reflector Trim. See Spec. Sheet "A/E"

Emergency Lamp: Add suffix **E** to FIK and Reflector Trim. See Spec. Sheet "A/E"

Slope Ceiling Adapters: See Specification Sheet SCA.

Fuse (magnetic ballast): Add suffix **F1** or **F2** to FIK (F1=120V F2=277V)

Chicago Plenum: Consult Factory.

Labels

UL (Suitable for Wet Locations), CSA, I.B.E.W.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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